

Work Order ID 54290

December 7, 2009 2:30:16 PM

Split



Page 1

Item ID: D412-702-123B

Accept



Setup Start



Revision ID:

Item Name: Harness Assembly

Stop



Start Date: 07/12/2009 Start Qty: 10.00



Cust Item ID:

Required Date: 21/12/2009 Req'd Qty: 10.00



Customer:

Reference:

Approvals: Process Plan:



Date: 07/12/1

Tooling:

Date:

Run Start



QC:

Date:

SPC (Y/N):

Date:

Stop



Sequence ID/ Work Center ID	Operation Description	Set Up/ Run Hours	Draw Number	Draw Rev.	Plan Code	Accept Qty	Reject Qty	Reject Number	Insp. Stamp
Draw Nbr	Revision Nbr								
DSI 9469	A								

50

0.00



DC

Document Control

Memo

0.00

Photocopy bluefile & type labels per PPP D412-702-123B / DSI 9469
CHG001

N/A HJ

100



Pick Kit

0.00

10-1-15 (10) S

Packaging

Memo

0.00

Packaging

110



Memo

0.00

Small Fab

Assemble as per DSI9469

0.00

Small Fab

05/01/2010

Work Order ID 54290

December 7, 2009 2:30:16 PM



Page 2

Item ID: D412-702-123B

Accept



Setup Start



Revision ID:

Item Name: Harness Assembly

Stop



Start Date: 07/12/2009 Start Qty: 10.00



Cust Item ID:

Required Date: 21/12/2009 Req'd Qty: 10.00



Customer:

Reference:

Approvals:

Process Plan:

Date:

Tooling:

Date:

Run

Start



QC:

Date:

SPC (Y/N):

Date:

Stop

Sequence ID/
Work Center IDOperation
DescriptionSet Up/
Run HoursDraw
NumberDraw
Rev.Plan
CodeAccept
QtyReject
QtyReject
NumberInsp.
Stamp

120



QC5- Inspect part completeness to step on W/O

0.00

⇒ 6/6/20

0.00

QC

Memo

Quality Control

130



Packaging

Packaging

Memo

0.00

0.00

SAR

Rev/1/20

140

Identify and pack for shipping as per PPP D412-702-123B / DS19469
Location: _____
PPP rev: _____

0.00

QC

Quality Control

QC21- Final Inspection - Work Order Release

0.00

Memo

0.00

10/01/20

MF 10-1-20

Picklist Print

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Page 1
13

Work Order ID: 54290



Parent Item: D412-702-123B



Parent Item Name: Harness Assembly

Start Date: 07/12/2009

Required Date: 21/12/2009

Comments:

Start Qty: 10.00

Required Qty: 10.00

Component Item ID/ Item Name	Replacement Item ID	Mfg/ Purch	Bin Item	Primary Location	Last Location	Route Seq ID	Unit of Measure	Qty on Hand	Remaining Qty To Pick	Qty Issued	Date Issued	Status
---------------------------------	------------------------	---------------	-------------	---------------------	------------------	-----------------	--------------------	----------------	--------------------------	---------------	----------------	--------

D3570-4



Manufactured

No

Each 29.0000 10.0000



10-1-15

sf

Bracket

Warehouse Loc Qty Loc Code

Location

Main Warehouse

ST

1

47380

1

Main Warehouse

ST245A

28

52886

28

Each 3.0000 10.0000



D3579-048



Manufactured

No

Warehouse Loc Qty Loc Code

Location

Main Warehouse

ST

3

48369

3

Each 194.0000 40.0000



MS24694-S50



Purchased

No

Warehouse Loc Qty Loc Code

Location

Main Warehouse

ST

194

108936

6

111020

18

113359

170

10-1-15

sl (P)

Screw

Warehouse Loc Qty Loc Code

Location

4

Picklist Print

Page 2

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Work Order ID: 54290



Parent Item: D412-702-123B



Parent Item Name: Harness Assembly

Start Date: 07/12/2009

Required Date: 21/12/2009

Comments:

Start Qty: 10.00

Required Qty: 10.00

Component Item ID/ Item Name	Replacement Item ID	Mfg/ Purch	Bin Item	Primary Location	Last Location	Route Seq ID	Unit of Measure	Qty on Hand	Remaining Qty To Pick	Qty Issued	Date Issued	Status
AN960JD10L 		Purchased	No				Each	5,439.000	40.0000		10-1-15 SP	

Washer

<u>Warehouse</u>	<u>Loc Qty</u>	<u>Loc Code</u>
<u>Location</u>		

Main Warehouse

ST	5439	
101291	16	
104885	153	
105793	236	
109632	276	
110985	4758	

MS21042L3



Purchased

No

Each 2,759.000 10.0000



10-1-15

QD SP

Nut

<u>Warehouse</u>	<u>Loc Qty</u>	<u>Loc Code</u>
<u>Location</u>		

Main Warehouse

ST	2759	
109798	14	
110844	32	
111274	27	
111668	194	
112314	1992	
112385	500	

Picklist Print

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Page 3

Work Order ID: 54290



Parent Item: D412-702-123B



Parent Item Name: Harness Assembly

Start Date: 07/12/2009

Required Date: 21/12/2009

Comments:

Start Qty: 10.00

Required Qty: 10.00

Component Item ID/ Item Name	Replacement Item ID	Mfg/ Purch	Bin Item	Primary Location	Last Location	Route Seq ID	Unit of Measure	Qty on Hand	Remaining Qty To Pick	Qty Issued	Date Issued	Status
---------------------------------	------------------------	---------------	-------------	---------------------	------------------	-----------------	--------------------	----------------	--------------------------	---------------	----------------	--------

D3569-3



Manufactured

No

Each 44.0000 10.0000

Decal



~~10-1-15 Q2 SP~~

<u>Warehouse</u>	<u>Loc Qty</u>	<u>Loc Code</u>
------------------	----------------	-----------------

Location

Main Warehouse

ST	44
47717	44

E

DART SERVICE INSTRUCTION

TO AMEND INSTALLATION INSTRUCTIONS IIN-D412-702 REV. E AND
INSTRUCTIONS FOR CONTINUED AIRWORTHINESS ICA-D412-702 REV. 3
REF TCCA STC: SH04-7
REF FAA STC: SR01997NY
REF EASA STC: EASA.IM.R.S.00710

SHOP COPY
RETURN TO
ENGINEERING
UNCONTROLLED COPY
SUBJECT TO ANNDME
WITHOUT NOTICE
WORK ORDER
NO. 54290
BY 09-12-7

PURPOSE:

Update the D412-702-041A/045A/-041B/-045B kits for compatibility with the Dart D412-769-011 Aft Facing Seat Kit.

CHANGE:

Quantity (1) each of D412-702-111A/-113A is replaced with D412-702-121A/-123A. Also Qty (4) x AN4-27A bolts are added to the kits for compatibility with the Dart seat. The parts list in section 25.28 (pg. 87) of ICA-D412-702 Rev. 3 and section 7.0 (pg. 38) of IIN-D412-702 Rev. E is amended as follows:

QTY -041A	QTY -043A	QTY -045A	QTY -047A	QTY -049A	PART NUMBER	DESCRIPTION
X					D412-702-041A	Dart 13-Man 3-Point Shoulder Harness Kit
		X			D412-702-045A	Dart 4-Man 3-Point Aft Facing Shoulder Harness Kit

IS:

1	1	D412-702-111A	HARNESS ASSEMBLY (EXISTING)
1	1	D412-702-121A	HARNESS ASSEMBLY (NEW)
1*	1*	D3570-3	BRACKET
1*	1*	D3579-043	SHOULDER HARNESS
4*	4*	MS24694S50	SCREW
4*	4*	AN960JD10L	WASHER
1*	1*	MS21042L3	NUT
1*	1*	D3569-1	DECAL
1	1	D412-702-113A	HARNESS ASSEMBLY (EXISTING)
1	1	D412-702-123A	HARNESS ASSEMBLY (NEW)
1*	1*	D3570-4	BRACKET
1*	1*	D3579-044	SHOULDER HARNESS
4*	4*	MS24694S50	SCREW
4*	4*	AN960JD10L	WASHER
1*	1*	MS21042L3	NUT
1*	1*	D3569-2	DECAL
4	4	AN4-27A	BOLT (NEW)

WAS:

2	2	D412-702-111A	HARNESS ASSEMBLY
2	2	D412-702-113A	HARNESS ASSEMBLY

* DENOTES THAT PART IS INCLUDED WITH ASSEMBLY ABOVE

CANADA	
DEPARTMENT OF TRANSPORT	
AIRCRAFT CERTIFICATION	
BRANCH	
DAO # 01-O-01	
APPROVED	
BY:	D. SHEPHERD (DE # 02)
DATE:	09.06.30
CERT. NO.:	SH04-7
ISSUE NO.:	3

A	NEW ISSUE, NCR 09-068	CP	09.06.30
REV.	DESCRIPTION	BY	DATE
DESIGN	99	DART AEROSPACE LTD HAWKESBURY, ONTARIO, CANADA	
DRAWN	99		
CHECKED			
MFG. APPR.	N/A		
APPROVED			
DE APPR.			
DATE	09.06.30	REV. A	SHEET 1 OF 5
DRAWING NO. DSI 9469		SCALE	NTS
TITLE AFT-FACING SEAT UPDATE		COPYRIGHT © 2008 BY DART AEROSPACE LTD THIS DOCUMENT IS PRIVATE AND CONFIDENTIAL AND IS SUPPLIED ON THE EXPRESS CONDITION THAT IT IS NOT TO BE USED FOR ANY PURPOSE OR COPIED OR COMMUNICATED TO ANY OTHER PERSON WITHOUT WRITTEN PERMISSION FROM DART AEROSPACE LTD.	

The parts list in section 25.28 (pg. 93) of ICA-D412-702 Rev. 3 and section 7.0 (pg. 40) of IIN-D412-702 Rev. E is amended as follows:

QTY -041B	QTY -043B	QTY -045B	QTY -047B	QTY -049B	PART NUMBER	DESCRIPTION
X					D412-702-041B	Dart 13-Man 3-Point Shoulder Harness Kit
	X				D412-702-045B	Dart 4-Man 3-Point Aft Facing Shoulder Harness Kit

IS:

1	1	D412-702-111B	HARNESS ASSEMBLY (EXISTING)
1	1	D412-702-121B	HARNESS ASSEMBLY (NEW)
1*	1*	D3570-3	BRACKET
1*	1*	D3579-047	SHOULDER HARNESS
4*	4*	MS24694S50	SCREW
4*	4*	AN960JD10L	WASHER
1*	1*	MS21042L3	NUT
1*	1*	D3569-3	DECAL
1	1	D412-702-113B	HARNESS ASSEMBLY (EXISTING)
1	1	D412-702-123B	HARNESS ASSEMBLY (NEW)
1*	1*	D3570-4	BRACKET
1*	1*	D3579-048	SHOULDER HARNESS
4*	4*	MS24694S50	SCREW
4*	4*	AN960JD10L	WASHER
1*	1*	MS21042L3	NUT
1*	1*	D3569-3	DECAL
4	4	AN4-27A	BOLT (ADD)

WAS:

2	2	D412-702-111B	HARNESS ASSEMBLY
2	2	D412-702-113B	HARNESS ASSEMBLY

* DENOTES THAT PART IS INCLUDED WITH ASSEMBLY ABOVE

CANADA	
DEPARTMENT OF TRANSPORT	
AIRCRAFT CERTIFICATION	
BRANCH	
DAO # 01-O-01	
APPROVED	
BY:	D. SHEPHERD (DE # 02)
DATE:	09.06.30
CERT. NO.:	SH04-7
ISSUE NO.:	3

Wb 54290

DESIGN	99	DART AEROSPACE LTD HAWKESBURY, ONTARIO, CANADA	
DRAWN	99		
CHECKED	h	DRAWING NO.	REV. A
MFG. APPR.	N/A	DSI 9469	SHEET 2 OF 5
APPROVED	✓	TITLE	SCALE
DE APPR.	✓	AFT-FACING SEAT UPDATE	NTS
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Figures 4.8 (pg. 25) of IIN-D412-702 Rev. E and 25.12 (pg. 69) of ICA-D412-702 Rev. 3 are updated as follows:

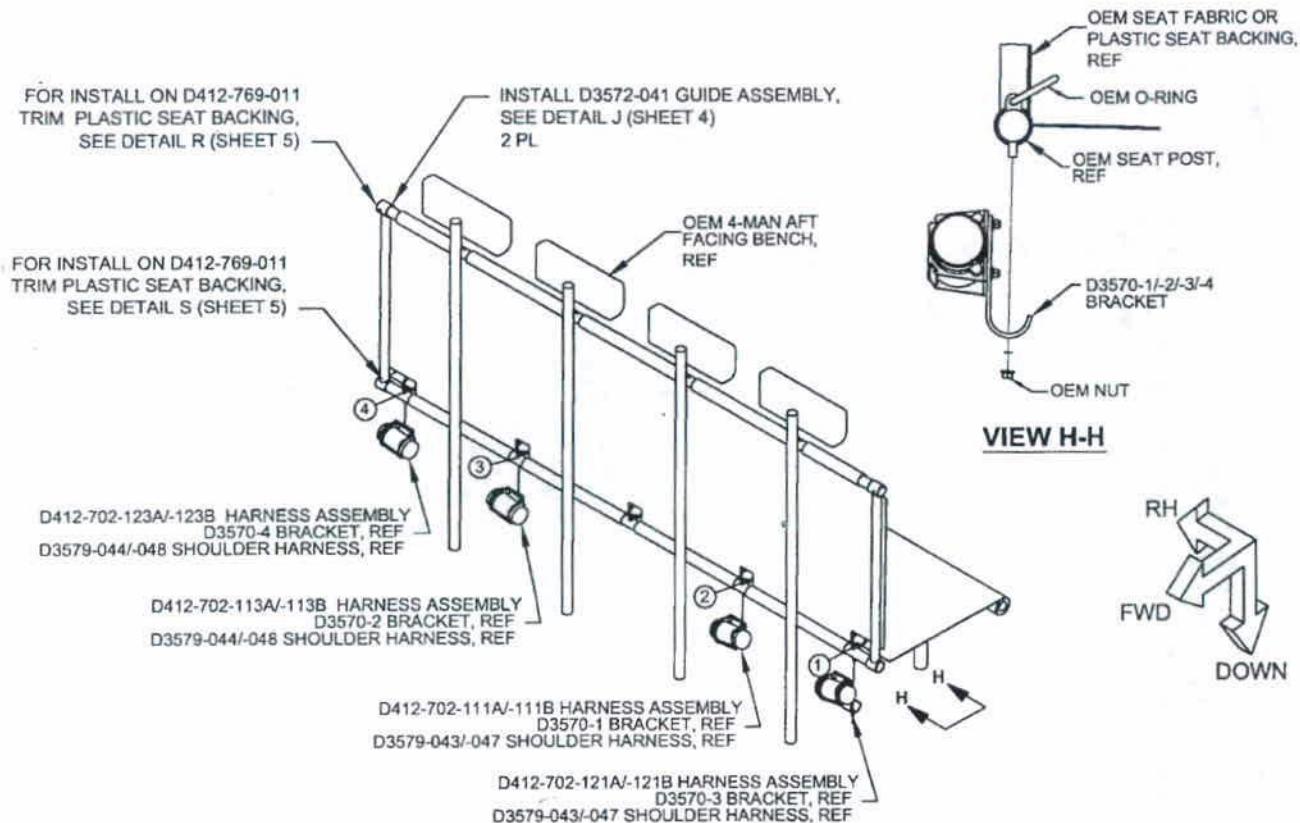


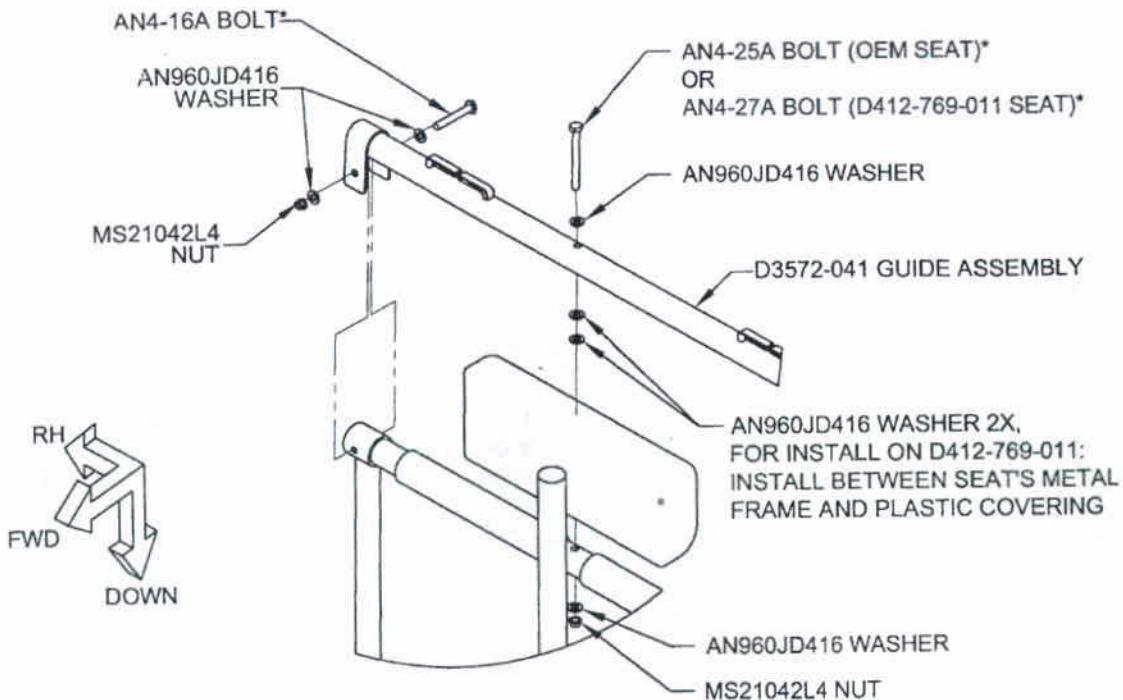
FIGURE 4.8. SHOULDER BELT INSTALLATION
FIGURE 25.12 D412-702-045A/-045B 4-MAN 3-POINT AFT FACING SHOULDER HARNESS KIT

CANADA DEPARTMENT OF TRANSPORT AIRCRAFT CERTIFICATION BRANCH	
DAO # 01-O-01	
APPROVED	
BY:	D. SHEPHERD (DE # 02)
DATE:	09.06.30
CERT. NO.:	SH04-7
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DRAWN	<i>[Signature]</i>		
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MFG. APPR.	N/A	DSI 9469	SHEET 3 OF 5
APPROVED	<i>[Signature]</i>	TITLE	
DE APPR.	<i>[Signature]</i>	AFT-FACING SEAT UPDATE	
DATE	09.06.30	SCALE	NTS

W/o 54190

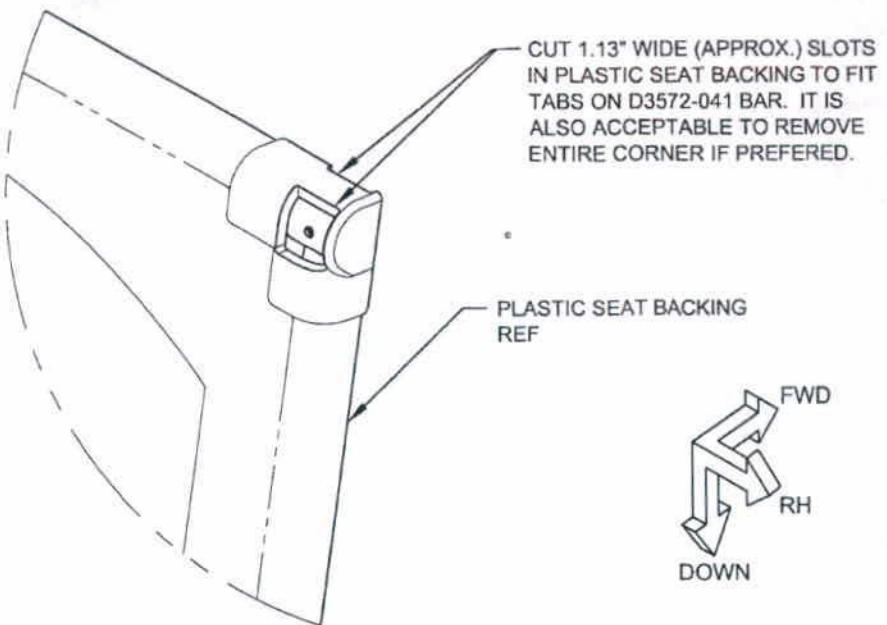
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DETAIL J: D3572-041 INSTALLATION
(RH SHOWN, LH OPPOSITE)

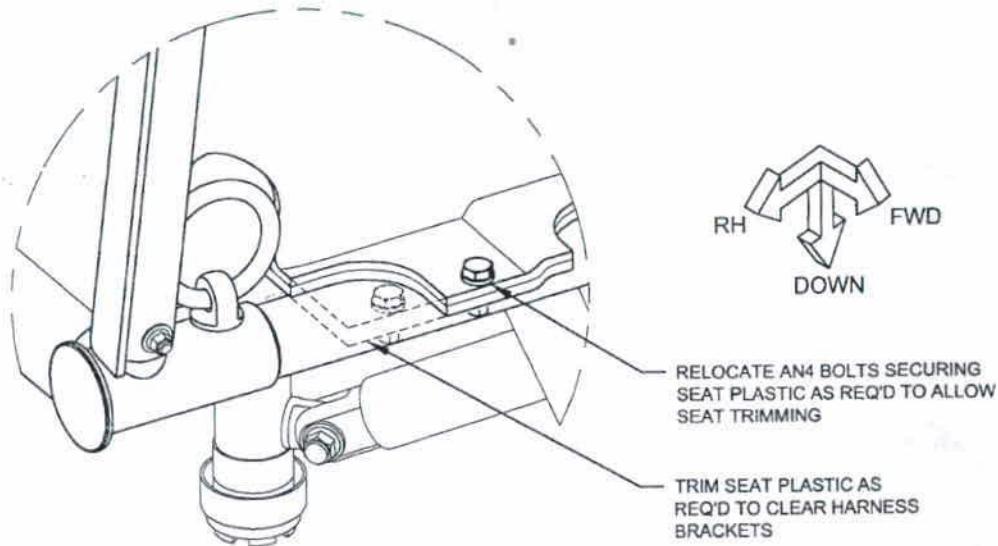
CANADA DEPARTMENT OF TRANSPORT AIRCRAFT CERTIFICATION BRANCH DAO # 01-O-01	
APPROVED	
BY:	D. SHEPHERD (DE # 02)
DATE:	09.06.30
CERT. NO.:	SH04-7
ISSUE NO.:	3

DESIGN	<i>9P</i>	DART AEROSPACE LTD	
DRAWN	<i>9P</i>	HAWKESBURY, ONTARIO, CANADA	
CHECKED	<i>1</i>	DRAWING NO.	REV. A
MFG. APPR.	N/A	DSI 9469	SHEET 4 OF 5
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DETAIL R

VIEW LOOKING AT FRONT OF SEAT BACKING, TOP-RH CORNER SHOWN (TOP-LH CORNER SIMILAR),
FOR INSTALL ON D412-769-011 ONLY



DETAIL S

VIEW LOOKING AT REAR OF SEAT, BOTTOM-RH CORNER SHOWN (BOTTOM-LH CORNER SIMILAR),
FOR INSTALL ON D412-769-011 ONLY

CANADA DEPARTMENT OF TRANSPORT AIRCRAFT CERTIFICATION BRANCH	
DAO # 01-O-01	
APPROVED	
BY:	D. SHEPHERD (DE # 02)
DATE:	09.06.30
CERT. NO.:	SH04-7
ISSUE NO.:	3

DESIGN	<i>PP</i>	DART AEROSPACE LTD	
DRAWN	<i>PP</i>	HAWKESBURY, ONTARIO, CANADA	
CHECKED	<i>PP</i>	DRAWING NO.	REV. A
MFG. APPR.	N/A	DSI 9469	SHEET 5 OF 5
APPROVED	<i>PP</i>	TITLE	SCALE
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